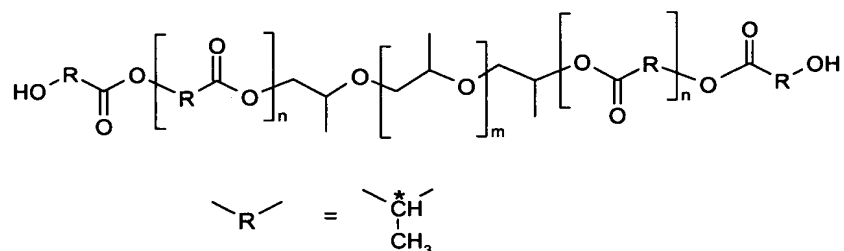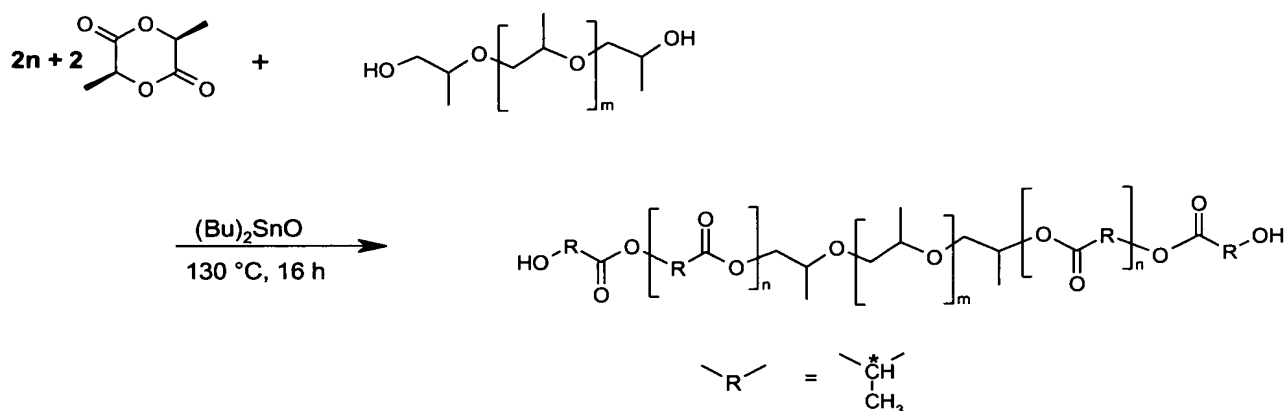# CLAIMS

1. Amorphous networks, obtainable by crosslinking an ABA triblock dimethacrylate as macromonomer, wherein the macromonomer comprises blocks derived from polyester and polyether.

2. Amorphous network according to claim 1, wherein the polyester is a poly(rac-lactide).

3. Amorphous network in accordance with claim 1 or 2, wherein the polyester is the A block.

4. Amorphous network in accordance with claim 1, wherein the polyether is a polypropylene oxide.

5. Amorphous network in accordance with claim 1 or 4, wherein the polyether is the B block.

6. Method for preparing an amorphous network, comprising the irradiation of a melt, comprising an ABA triblock dimethylacrylate, as defined in claim 1, with UV light.

7. Intermediate product, suitable for the preparation of an amorphous polymeric network in accordance with any of the preceding claims, represented by the formula (1):

wherein n and m are from 10 to 50 and from 10 to 100, respectively.

8. Method for the preparation of the intermediate product of claim 7, comprising the following reaction (2):

9. Use of a material according to any of claims 1 to 5 as shape memory material.

10. Method for programming a material according to any of claims 1 to 5, comprising the steps:

  - Heating the material to above the glass transition temperature of the amorphous areas (Tg2).
  - Deforming the material, in order to impress a desired temporary shape.
  - Cooling the material in the deformed shape below the glass transition temperature, in order to fix the temporary shape.